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(74) Agents: MILLER, Mary, L. et al.; Needle & Rosenberg, P.C., Suite 1200, 127 Peachtree Street, N.E., Atlanta, GA 30303-1811 (US).

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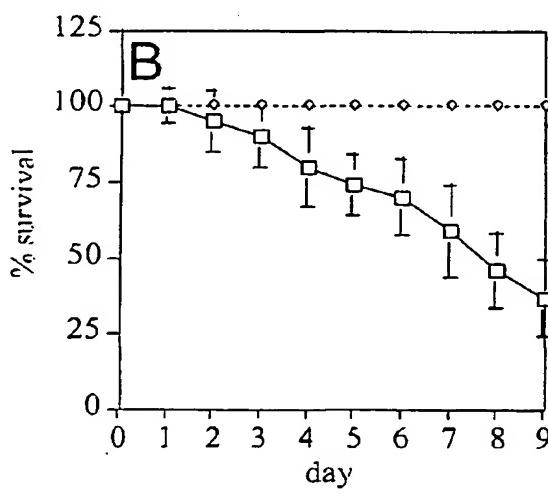
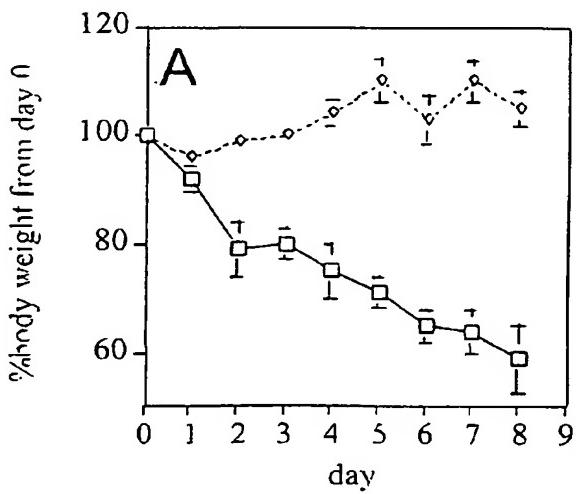
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— with international search report

(71) Applicant (*for all designated States except US*): THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPT. OF HEALTH AND HUMAN SERVICES OFFICE OF TECHNOLOGY TRANSFER [US/US]; 6011 Executive Boulevard, Suite 325, Rockville, MD 20852-3804 (US).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: METHODS OF TREATING AND PREVENTING COLITIS INVOLVING IL-13 AND NK-T CELLS



—□— Control-Fc .....diamond..... IL13Ra2-Fc

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(57) Abstract: Method of treating or preventing the inflammatory response of colitis in a subject comprising administering to the subject an effective amount of a substance that modulates IL-13 activity (figure 3). The invention also provides a method of treating or preventing the inflammatory response of colitis in a subject comprising administering to the subject an effective amount of a substance that modulates NK-T cell activity. The invention also provides for the screening of substances that treat or prevent the inflammatory response of colitis.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/18790

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) :G06G 7/48, 7/58

US CL :703/11

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 703/11

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EAST, IEEE

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| Y         | US 5,965,401 (CHANG et al.) 12 October 1999, abstract; col. 1-3.                   | 1-37                  |
| Y         | US 6,140,076 (ADEMA et al.) 31 October 2000, col. 55.                              | 1-37                  |
| Y         | US 6,030,613 (BLUMBERG et al.) 29 February 2000, col. 5, 9-11, 15, 24-25.          | 1-37                  |
| Y         | US 6,274,338 B1(GLIMCHER et al.) 14 August 2001, col. 25, 38.                      | 1-37                  |
| Y         | US 5,830,453 (BADR et al.) 3 November 1998, abstract, fig. 2-8; col. 7.            | 1-37                  |
| Y         | US 6,358,508 B1(NI et al.) 19 March 2002, col. 53-60                               | 1-37                  |

Further documents are listed in the continuation of Box C.  See patent family annex.

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Date of the actual completion of the international search

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Commissioner of Patents and Trademarks  
Box PCT  
Washington, D.C. 20231

Facsimile No. (703) 305-3230

Authorized officer

HUGH JONES

*Perry Harrold*

Telephone No. (703) 305-9704

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Apt.# 407, Bethesda, MD 20814 (US). **HELLER, Frank** [DE/US]; 4521 Windsor Lane, Bethesda, MD 20814 (US). **BLUMBERG, Richard** [US/US]; 34 LaGrange Street, Chestnut Hill, MA 02487 (US).

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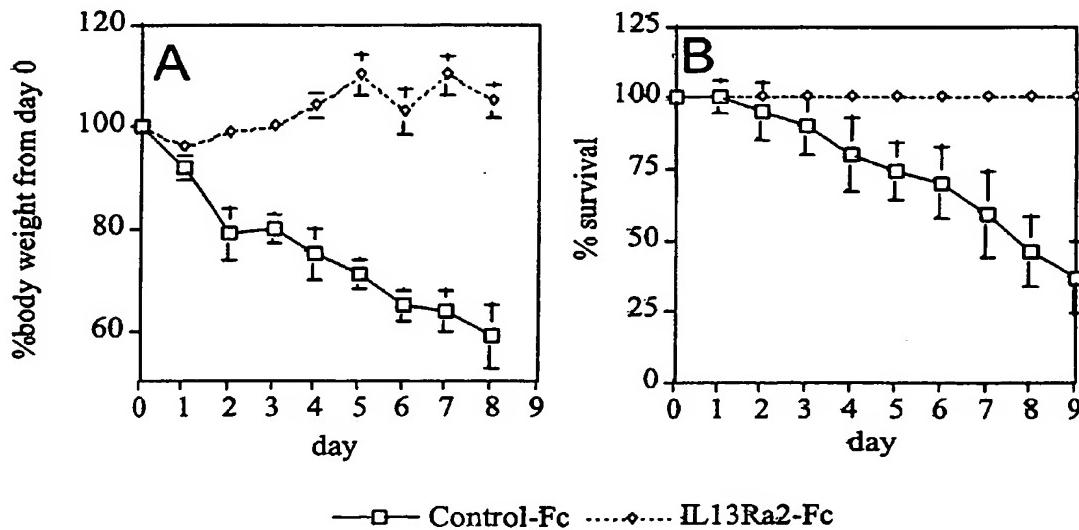
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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **STROBER, Warren** [US/US]; 8301 Whittier Boulevard, Bethesda, MD 20817 (US). **FUSS, Ivan, J.** [US/US]; 4801 Fairmont Avenue,

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